## ABSTRACT OF THE DISCLOSURE

An imaging apparatus has an interior cavity therein. A carriage is disposed within the interior cavity and is movable through a length of travel within the interior cavity. A cartridge is carried by the carriage. A swept volume includes the profile of the carriage and cartridge extended along the length of the carriage rod a distance equal to the length of travel of the carriage. A media tray is at least partially disposed within the cavity.